## INTERNATIONAL SEARCH REPORT

International Application No PCT/US2004/043802

A. CLASSII IPC 7	FICATION OF SUBJECT MATTER A47J43/25 A47J43/28							
	International Patent Classification (IPC) or to both national classifica SEARCHED	lion and IPC						
Minimum do	cumentation searched (classification system followed by classification	on symbols)						
IPC 7	A47J							
3	dearmonation to the extent that co	tab decuments are included to the fletde pe	a a de a d					
Documeniai	ion searched other than minimum documentation to the extent that st	acu documents are included in the heide se	archeo					
Electronic d	ata base consulted during the international search (name of data bas	se and, where practical, search terms used	)					
	ternal, WPI Data, PAJ							
	ENTS CONSIDERED TO BE RELEVANT	····						
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	Relevant to claim No.					
χ	US 2 225 658 A (RAUCHFUSS FRANZ)		1-8					
	24 December 1940 (1940-12-24)	. 1 2						
	page 2, line 20 - line 34; figure	\$ 1,2						
Х	US 5 447 351 A (KLUNDER ET AL) 5 September 1995 (1995-09-05)		1,2, 9-14,					
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Α	column 3, line 14 - column 4, lin figures 1-6	e 21;	15-21					
A	DE 682 770 C (M. FRANZ MICHELER)							
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Furti	her documents are listed in the continuation of box C.	X Patent family members are listed in	n annex.					
° Special ca	tegories of cited documents :	"T" later document published after the Inte	mational filing date					
consid	ent defining the general state of the art which is not lered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the invention						
filing d	1816	"X" document of particular relevance; the c cannot be considered novel or cannot	be considered to					
which	ent which may throw doubts on priority claim(s) or is cited to establish the publication date of another n or other special reason (as specified)	involve an inventive step when the do "Y" document of particular relevance; the c cannot be considered to involve an inv	laimed Invention					
"O" docum	ent referring to an oral disclosure, use, exhibition or means	document is combined with one or mo ments, such combination being obviou	re other such docu-					
"P" docume	ent published prior to the International filing date but nan the priority date claimed	in the art. "&" document member of the same patent	family					
Date of the	actual completion of the international search	Date of mailing of the international sea	rch report					
1	1 April 2005	18/04/2005						
Name and r	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer						
	NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl,	Lehe, J						
	Fax: (+31-70) 340-3016	Lene, 0						

## INTERNATIONAL SEARCH REPORT

Information on patent family members

Internazional Application No PCT/US2004/043802

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
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